



PATENT

DOCKET NO. UCDA.004.01US

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)
Sheet 1 of 4In re the application of: Mikal E. Saltveit, *et al.*

Art Unit:

Serial No.

Examiner:

Filed: September 26, 2001

U.S. PATENT DOCUMENTS

Ref.	Examiner's	Document	Class/	Filing		
Desig.	Initials	Number	Date	Name	Subclass	Date
A1	B	6,113,958	9/5/00	Saltveit, M	435/172.3	10/29/98
A2		5,378,619	1/3/95	Rogers, S		12/22/93
A3		5,693,507	12/2/97	Daniell, et al	435/172.3	7/20/94

PENDING U.S. PATENT DOCUMENTS

Ref.	Examiner's	Document Number	Name	Filing Date
Desig.	Initials			
B1		60/235,956	Saltveit, M	9/26/00

Considered, but not appropriate for printing

FOREIGN PATENT DOCUMENTS

Ref.	Examiner's	Document	Class/	Filing Date		
Desig.	Initials	Number	Date	Country	Subclass	
C1	B	WO 97/10328	3/20/97	PCT		7/12/95
C2		EPA 0 120 515	10/3/84	Europe		2/21/84

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Examiner's
Desig. Initials

Examiner:

*Steve Baum*Date Considered: *11/10/03*

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PATENT

DOCKET NO. UCDA.004.01US



COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Sheet 2 of 4

In re the application of: Mikal E. Saltveit, *et al.*

Art Unit:

Serial No.

Examiner:

Filed: September 26, 2001

- D1 *B* Tomas-Barberan, F. et al, Early Wound- and Ethylene-induced Changes in Phenylpropanoid Metabolism in Harvested Lettuce, 1997, pp. 399-404, J. Amer. Soc. Hort. Sci. 122(3).
- D2 Ke, D. et al., Effects of Calcium and Auxin on Russet Spotting and Phenylalanine Ammonialyase Activity in Lettuce, Oct. 1986, pp. 1169-1171, HortScience. Vol. 21(5).
- D3 Loaiza-Velarde, J. et al, Effect of Intensity and Duration of Heat-shock Treatments on Wound-induced Phenolic Metabolism in Iceberg Lettuce, Oct. 30, 1997, pp. 873-877, J. Amer. Soc. Hort. Sci. 122(6).
- D4 Ritenour, M. et al, Identification of a phenylalanine ammonia-lyase inactivating factor in harvested head lettuce (*Lactuca sativa*), Jan. 25, 1996, pp. 327-331, Physiologia Plantarum 97.
- D5 Lopez-Galvez, G. et al, Wound-induced phenylalanine ammonia lyase activity: factors affecting its induction and correlation with the quality of minimally processed lettuces, May 18, 1996, pp. 223-233, Postharvest Biology and Technology 9.
- D6 Ke, D. et al., "Developmental Control of Russet Spotting, Phenolic Enzymes, and IAA Oxidase in Cultivars of Iceberg Lettuce", 1989, pp. 472-477, J. Amer. Soc. Hort. Sci., 114(3).
- D7 Peiser, G. et al., "Phenylalanine ammonia lyase inhibitors control browning of cut lettuce", Postharvest Biology and Technology 14, pp. 171-177, Oct. 1998.
- D8 Brecht, J., Physiology of Lightly Processed Fruits and Vegetables, Feb. 1995, pp. 18-22, HortScience, vol. 30(1).
- D9 Bolin, H.R., et al, Effect of Preparation Procedures and Storage Parameters on Quality Retention of Salad-cut Lettuce, 1991, Journal of Food Science, vol. 56, No. 1.

Examiner:

[Signature]

Date Considered: 11/10/03

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



PATENT

DOCKET NO. UCDA.004.01US

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Sheet 3 of 4

In re the application of: Mikal E. Saltveit, *et al.*

Art Unit:

Serial No.

Examiner:

Filed: September 26, 2001

- D10 Couture, R. et al, Physiological Attributes Related to Quality Attributes and Storage Life of Minimally Processed Lettuce, Jul. 1993, pp. 723-725, HortScience vol. 28(7).
- D11 Hoagland, R., O-Benzylhydroxylamine: An Inhibitor of Phenylpropanoid Metabolism in Plants, Aug. 6, 1985, pp. 1353-1359, Plant Cell Physiol. 26(7).
- D12 Ke, D. et al, Plant Hormone Interaction and Phenolic Metabolism in the Regulation of Russet Spotting in Iceberg Lettuce, Jul. 5, 1988, pp. 1136-1140, Plant Physiol. 88.
- D13 Ke, D. et al, Regulation of Russet Spotting, Phenolic Metabolism, and IAA Oxidase by Low Oxygen in Iceberg Lettuce, 1989, pp. 638-642, J. Amer. Soc. Hort. Sci. 114(4).
- D14 Ke, D. et al., Wound-Induced Ethylene Production, Phenolic Metabolism and Susceptibility to Russet Spotting in Iceberg Lettuce, Physiologia Plantarum 76, pp. 412-418, Copenhagen 1989.
- D15 Leubner-Metzger, G. et al, Phenylalanine Analogues: Potent Inhibitors of Phenylalanine Ammonia-Lyase are Weak Inhibitors of Phenylalanine-tRNA Synthetases, 1994, pp. 781-790, Verlag der Zeitschrift fur Naturforschung.
- D16 McEvily, A., Inhibition of Enzymatic Browning in Foods and Beverages, 1992, pp. 253-273, Critical Reviews in Food Science and Nutrition, 32(3).
- D17 Saltveit, M. Physical and Physiological Changes in Minimally Processed Fruits and Vegetables, 1997, pp. 204-220, Phytochemistry Fruit and Vegetables.
- D18 Siripanich, J. et al., Effects of CO2 on Total Phenolics, Phenylalanine Ammonia Lyase, and Polyphenol Oxidase in Lettuce Tissue, 1985, pp. 249-253, J. Amer. Soc. Hort. Sci. 110(2)
- D19 Thomas, R. et al., Changes in Soluble and Bound Peroxidase-IAA Oxidase During Tomato Fruit Development, 1981, pp. 158-161, Journal of Food Science vol. 47.
- D20 Zon, J. et al., Inhibitor of Phenylalanine Ammonia-Lyase: 2-Aminoindan-2-phosphonic Acid and Related Compounds, 1992, pp. 625-628, Ann. Chem. VCH Verlagsgesellschaft MbH, D-6940 Weinheim.

Examiner:

Shawn Baum

Date Considered:

11/10/03

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

PATENT

DOCKET NO. UCDA.004.01US

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

FORM PTO-1449 (Modified)
LIST OF PATENTS AND PUBLICATIONS
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

Sheet 4 of 4

In re the application of: Mikal E. Saltveit, *et al.*

Art Unit:

Serial No.

Examiner:

Filed: September 26, 2001

D21	Coulson, <i>Trends in Biotechnology</i> , <u>12</u> :76-80 (1994).
D22	Birren, <i>et al.</i> , <i>Genome Analysis</i> , <u>1</u> :543-559 (1997).
D23	Odell, <i>et al.</i> (1985) <i>Nature</i> <u>313</u> :810-812
D24	Von Heijne <i>et al.</i> (1991) <i>Plant Mol. Biol. Rep.</i> <u>2</u> :104-126
D25	Clark <i>et al.</i> (1989) <i>J. Biol. Chem.</i> <u>264</u> :17544-17550
D26	della-Cioppa <i>et al.</i> (1987) <i>Plant Physiol.</i> <u>84</u> :965-968
D27	Romer <i>et al.</i> (1993) <i>Biochem. Biophys. Res Commun.</i> <u>196</u> :1414-1421
D28	Shah <i>et al.</i> (1986) <i>Science</i> <u>233</u> :478-481
D29	Chrispeels, K., (1991) <i>Ann. Rev. Plant Phys. Plant Mol. Biol.</i> <u>42</u> :21-53
D30	Raikhel, N. (1992) <i>Plant Phys.</i> <u>100</u> :1627-1632
D31	Smith, <i>et al.</i> (1988) <i>Nature</i> <u>334</u> :724-726
D32	Napoli, <i>et al.</i> (1989) <i>Plant Cell</i> <u>2</u> :279-289
D33	Waterhouse, <i>et al.</i> (1998) <i>Proc. Natl. Acad. Sci. USA</i> <u>95</u> :13959-13964
D34	Svab, <i>et al.</i> (1990) <i>Proc. Natl. Acad. Sci. USA</i> <u>87</u> :8526-8530
D35	Svab and Maliga (1993) <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :913-917
D36	Doolittle, R.F., <i>OF URFS and ORFS</i> (University Science Books, CA, 1986.
D37	Ditta, <i>et al.</i> , (<i>Proc. Nat. Acad. Sci., U.S.A.</i> (1980) <u>77</u> :7347-7351
D38	McBride and Summerfelt (<i>Plant Mol. Biol.</i> (1990) <u>14</u> :269-276
D39	Jouanin, <i>et al.</i> , <i>Mol. Gen. Genet.</i> (1985) <u>201</u> :370-374
D40	Frohman <i>et al.</i> (1988) <i>Proc. Natl. Acad. Sci. USA</i> <u>85</u> :8998-9002

Examiner:

Date Considered:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.